

DESCRIPTIONS OF FIVE NEW SPECIES OF VESPOID
WASPS (HYMENOPTERA)

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While working on a taxonomic study of the superfamily Vespoidea, the writer has discovered a number of species that are new to science. Following are descriptions of, and comments on five new forms, the type specimens of all of which are in the collection of the University of Nebraska. Acknowledgment is made of the assistance of Professor Myron H. Swenk in the progress of this work and for criticisms in the preparation of this paper.

Paratiphia magna n. sp.

♀. Length 13 mm. Robust. Black, covered with yellowish pubescence. Face below the antennæ wide, transverse at the apex, with a distinct frontal ridge running completely across between the eyes. Clypeus and mandibles red, the mandibles black on their apices. Antennæ black. Head roughened on the vertex, but only slightly reticulated. Punctures large, dense on the lower half of the front, sparse on the upper half. Puncturation of the dorsal surfaces of the pronotum sparse, more dense on the sides, the punctures becoming quite dense on the pleural surfaces of the pronotum, which are reticulated but not striated. A broad impunctate band on the posterior border of the pronotum extending to the tegulæ at the sides. Mesonotum, scutellum and metanotum sparsely punctate on a median area. Wings hyaline, the stigma and first nervure black, the remaining nervures rufous. Tegulæ red. Legs deep reddish, the tibiæ of the mesothoracic and metathoracic legs flat on their outer